

09/684,334

Zand, Kambiz

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09684334_QUAL.txt



09684334_LIST.txt



09684334_WEST.txt



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09684334_CLS.txt



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34

PLUS Search Results for S/N 09684334, Searched February 28, 2005

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5961603
6220509
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6081835
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6453319
6466967
5732218
6021439
6212565
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5572643
5737619
5905248
5961601
6016494
6185586
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09684334_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09684334 on February 28, 2005

Original Classifications

4	709/229
3	709/224
3	713/201
2	235/375
2	379/88.01
2	707/102
2	709/203
2	709/217
2	709/218
2	709/219
2	715/513
2	715/781

Cross-Reference Classifications

9	709/219
5	709/203
5	709/218
5	709/229
5	715/501.1
4	709/217
3	705/14
3	705/26
3	707/10
3	709/202
3	715/513
2	370/352
2	705/1
2	707/3
2	709/201
2	709/225
2	709/228
2	713/200
2	715/808
2	715/810

Combined Classifications

11	709/219
9	709/229
7	709/203
7	709/218
6	709/217
5	715/501.1
5	715/513

09684334_CLS

4 705/14
4 707/10
3 235/375
3 705/26
3 707/102
3 709/202
3 709/224
3 713/201
2 370/352
2 379/88.01
2 705/1
2 707/104.1
2 707/3
2 709/201
2 709/204
2 709/223
2 709/225
2 709/227
2 709/228
2 713/200
2 715/500
2 715/781
2 715/808
2 715/810

09684334_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09684334 on February 28, 2005

11	709/219	(2 OR, 9 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/217		.Remote data accessing
	709/219		..Accessing a remote server
9	709/229	(4 OR, 5 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/227		.Computer-to-computer session/connection establishing
	709/229		..Network resources access controlling
7	709/203	(2 OR, 5 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/201		.Distributed data processing
	709/203		..Client/server
7	709/218	(2 OR, 5 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/217		.Remote data accessing
	709/218		..Using interconnected networks
6	709/217	(2 OR, 4 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/217		.Remote data accessing
5	715/501.1	(0 OR, 5 XR)	
	Class	715 :	DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT

09684334_CLSTITLES

715/501.1 HYPERMEDIA

5 715/513 (2 OR, 3 XR)

Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT

715/513 STRUCTURED DOCUMENT (E.G., HTML, SGML, ODA, CDA)

4 705/14 (1 OR, 3 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT

705/14 .Distribution or redemption of coupon, or incentive or promotion program

4 707/10 (1 OR, 3 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES

707/1 DATABASE OR FILE ACCESSING

707/10 .Distributed or remote access

3 235/375 (2 OR, 1 XR)

Class 235 : REGISTERS

235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS

3 705/26 (0 OR, 3 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT

705/26 .Electronic shopping (e.g., remote ordering)

3 707/102 (2 OR, 1 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES

707/100 DATABASE SCHEMA OR DATA STRUCTURE

707/102 .Generating database or data structure (e.g., via user interface)

3 709/202 (0 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/201 .Distributed data processing

09684334_CLSTITLES

709/202 ..Processing agent

3 709/224 (3 OR, 0 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/223 .Computer network managing

709/224 ..Computer network monitoring

3 713/201 (3 OR, 0 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: SUPPORT

713/200 SECURITY

713/201 .Computer network

2 370/352 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/352 .Combined circuit switching and packet
switching

2 379/88.01 (2 OR, 0 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

379/88.01 .Voice activation or recognition

2 705/1 (0 OR, 2 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
PRACTICE OR MANAGEMENT ARRANGEMENT

2 707/104.1 (1 OR, 1 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES

707/100 DATABASE SCHEMA OR DATA STRUCTURE

707/104.1 .Application of database or data structure
(e.g., distributed, multimedia, image)

2 707/3 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES

707/1 DATABASE OR FILE ACCESSING

707/3 .Query processing (i.e., searching)

09684334_CLSTITLES

2 709/201 (0 OR, 2 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/201 .Distributed data processing

2 709/204 (1 OR, 1 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/204 .Computer conferencing

2 709/223 (1 OR, 1 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/223 .Computer network managing

2 709/225 (0 OR, 2 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/223 .Computer network managing
 709/225 ..Computer network access regulating

2 709/227 (1 OR, 1 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/227 .Computer-to-computer session/connection
 establishing

2 709/228 (0 OR, 2 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/227 .Computer-to-computer session/connection
 establishing
 709/228 ..Session/connection parameter setting

2 713/200 (0 OR, 2 XR)
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING

09684334_CLSTITLES
SYSTEMS: SUPPORT
SECURITY

713/200

- 2 715/500 (1 OR, 1 XR)
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF
DOCUMENT
715/500 MISCELLANEOUS
- 2 715/781 (2 OR, 0 XR)
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF
DOCUMENT
Could not find subclass title.
- 2 715/808 (0 OR, 2 XR)
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF
DOCUMENT
Could not find subclass title.
- 2 715/810 (0 OR, 2 XR)
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF
DOCUMENT
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accepts 1
access 9
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locator 1
logistics 2
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makes 3
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manages 1
manner 1
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meaning 2
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meanwhile 1
mechanism 4
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merchandise 1
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modification 1
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musician 1
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 presence 3
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 protocol 4
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referring 4
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seal 2
search 1
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server 52
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serviceidentification 1
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sharing 1
sheet 1
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showing 6
shown 2
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sixth 1
skilled 1
so 4
sources 1
specific 2
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stored 4
storing 1
string 3
subject 1
such 8
suggests 1
summary 1
supplies 1
supply 2
supplying 1
switching 1
system 16
table 7
tag 30
tcp 1
teaching 1
telephone 3
tenth 1
term 1
terminal 26
text 1
th 2
that 32
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them 3

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they 1
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through 7
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totally 1
tr 1
trademark 3
transmi 1
transmission 14
transmitted 1
transmitter 2
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ul 1
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uniform 1
unique 2
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unit 37
units 1
upper 3
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use 7
used 7
user 9
users 6
uses 1
using 12
value 1
variety 1
very 1
view 2
viewer 3
web 3
when 7
wherein 3
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while 4
who 5
wide 1
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within 1
without 1
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world 1
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02/684, 334



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"identification tag" and "card reader" and graphic and pattern

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 Terms used identification tag and card reader and graphic and pattern and authentication and codes

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Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐**1 [Puzzles and users: A PIN-entry method resilient against shoulder surfing](#)**

Volker Roth, Kai Richter, Rene Freidinger

October 2004 **Proceedings of the 11th ACM conference on Computer and communications security**Full text available: [pdf\(301.35 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Magnetic stripe cards are in common use for electronic payments and cash withdrawal. Reported incidents document that criminals easily pickpocket cards or skim them by swiping them through additional card readers. Personal identification numbers (PINs) are obtained by shoulder surfing, through the use of mirrors or concealed miniature cameras. Both elements, the PIN and the card, are generally sufficient to give the criminal full access to the victim's account. In this paper, we present alter ...

Keywords: ATM, PIN, cognitive trapdoor games, password, shoulder surfing**2 [Columns: Risks to the public in computers and related systems](#)**

Peter G. Neumann

January 2001 **ACM SIGSOFT Software Engineering Notes**, Volume 26 Issue 1Full text available: [pdf\(3.24 MB\)](#) Additional Information: [full citation](#)**3 [Security without identification: transaction systems to make big brother obsolete](#)**

David Chaum

October 1985 **Communications of the ACM**, Volume 28 Issue 10Full text available: [pdf\(1.77 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The large-scale automated transaction systems of the near future can be designed to protect the privacy and maintain the security of both individuals and organizations.

4 [Illustrative risks to the public in the use of computer systems and related technology](#)

Peter G. Neumann

January 1996 **ACM SIGSOFT Software Engineering Notes**, Volume 21 Issue 1Full text available: [pdf\(2.54 MB\)](#) Additional Information: [full citation](#)

5 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Full text available:  [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

6 Hollerith punched card code

E. Lohse

April 1968 **Communications of the ACM**, Volume 11 Issue 4

Full text available:  [pdf\(755.41 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

This proposed USA Standard presents the standard Hollerith Card Code representation of the 128 characters of USASCII in twelve-row punched cards. Other standards specify the dimensions and quality of punched paper cards, and the dimensions and locations of the holes punched in the cards. This coded representation of the USASCII character set for the twelve-row punched card was developed from research, review of historical work and careful consideration of the use of p ...

Keywords: USA standard, card code, hole-patterns, hole-patterns assignment, punched card hole, punched card systems, punched code

7 Level II technical support in a distributed computing environment

Tim Leehane

September 1996 **Proceedings of the 24th annual ACM SIGUCCS conference on User services**

Full text available:  [pdf\(5.73 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

8 Computing curricula 2001

September 2001 **Journal on Educational Resources in Computing (JERIC)**

Full text available:  [pdf\(613.63 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)
 [html\(2.78 KB\)](#)

9 Authentication and signature schemes: Print signatures for document authentication

Baoshi Zhu, Jiankang Wu, Mohan S. Kankanhalli

October 2003 **Proceedings of the 10th ACM conference on Computer and communications security**

Full text available:  [pdf\(646.81 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present a novel solution for authenticating printed paper documents by utilizing the inherent non-repeatable randomness existing in the printing process. For a document printed by a laser-printer, we extract the unique features of the non-repeatable print content for each copy. The shape profiles of this content are used as the feature to

represent the uniqueness of that particular printed copy. These features along with some important document content is then captured as the *print signa ...*

Keywords: *authenticity, laser printer, originality, print signature*

10 Authentication primitives and their compilation

Martín Abadi, Cédric Fournet, Georges Gonthier

January 2000 **Proceedings of the 27th ACM SIGPLAN-SIGACT symposium on Principles of programming languages**

Full text available:  pdf(1.55 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Adopting a programming-language perspective, we study the problem of implementing authentication in a distributed system. We define a process calculus with constructs for authentication and show how this calculus can be translated to a lower-level language using marshaling, multiplexing, and cryptographic protocols. Authentication serves for identity-based security in the source language and enables simplifications in the translation. We reason about correctness relying on the concepts of o ...

11 Security Mechanisms in High-Level Network Protocols

Victor L. Voydock, Stephen T. Kent

June 1983 **ACM Computing Surveys (CSUR)**, Volume 15 Issue 2

Full text available:  pdf(3.23 MB)

Additional Information: [full citation](#), [references](#), [citations](#)

12 Face recognition: A literature survey

W. Zhao, R. Chellappa, P. J. Phillips, A. Rosenfeld

December 2003 **ACM Computing Surveys (CSUR)**, Volume 35 Issue 4

Full text available:  pdf(4.28 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

As one of the most successful applications of image analysis and understanding, face recognition has recently received significant attention, especially during the past several years. At least two reasons account for this trend: the first is the wide range of commercial and law enforcement applications, and the second is the availability of feasible technologies after 30 years of research. Even though current machine recognition systems have reached a certain level of maturity, their success is ...

Keywords: Face recognition, person identification

13 Pen computing: a technology overview and a vision

André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

Full text available:  pdf(5.14 MB)

Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

14 An instance of the application download pattern: the SPAIDS software loader/verifier domain analysis and implementation

John D. Riley, Sangiv Dungari, William Pritchett
November 1997 **Proceedings of the conference on TRI-Ada '97**

Full text available:  [pdf\(794.68 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

15 Computer security: A conceptual framework for testing biometric algorithms within operating systems' authentication

Arslan Brömme, Marcel Kronberg, Oliver Ellenbeck, Oliver Kasch
March 2002 **Proceedings of the 2002 ACM symposium on Applied computing**

Full text available:  [pdf\(675.28 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a conceptual framework for testing the implementation of biometric algorithms within Unix and Windows NT/2000 operating systems' login authentication. To support the analysis and evaluation of biometric algorithms, a data logging module will be used, enabling the collection of quantitative data, e.g. timestamps, biometric raw data, (pre) processed data, and return codes from each run of a biometric authentication. It is shown how biometric algorithms and a data logging module ...

Keywords: biometric authentication, evaluation, operating system, robustness, testing biometric algorithms

16 Improving the aircraft design process using Web-based modeling and simulation

John A. Reed, Gregory J. Follen, Abdollah A. Afjeh
January 2000 **ACM Transactions on Modeling and Computer Simulation (TOMACS)**,
Volume 10 Issue 1

Full text available:  [pdf\(1.06 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Designing and developing new aircraft systems is time-consuming and expensive. Computational simulation is a promising means for reducing design cycle times, but requires a flexible software environment capable of integrating advanced multidisciplinary and multifidelity analysis methods, dynamically managing data across heterogeneous computing platforms, and distributing computationally complex tasks. Web-based simulation, with its emphasis on collaborative composition of simulation models, ...

Keywords: Java, Web-based simulation, aircraft design, object-oriented

17 DOS protection: Using graphic turing tests to counter automated DDoS attacks against web servers

William G. Morein, Angelos Stavrou, Debra L. Cook, Angelos D. Keromytis, Vishal Misra, Dan Rubenstein
October 2003 **Proceedings of the 10th ACM conference on Computer and communications security**

Full text available:  [pdf\(256.83 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


We present WebSOS, a novel overlay-based architecture that provides guaranteed access to a web server that is targeted by a denial of service (DoS) attack. Our approach exploits two key characteristics of the web environment: its design around a human-centric interface, and the extensibility inherent in many browsers through downloadable "applets." We guarantee access to a web server for a large number of *previously unknown* users, without requiring pre-existing trust relationships between ...

Keywords: Java, graphic turing tests, web proxies

18 History-based access control for mobile code

Guy Edjlali, Anurag Acharya, Vipin Chaudhary

November 1998 **Proceedings of the 5th ACM conference on Computer and communications security**


Full text available:  [pdf\(1.33 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



19 Session 4 (full technical papers): evolution patterns and models: Evolution patterns of open-source software systems and communities

Kumiyo Nakakoji, Yasuhiro Yamamoto, Yoshiyuki Nishinaka, Kouichi Kishida, Yunwen Ye
May 2002 **Proceedings of the International Workshop on Principles of Software Evolution**

Full text available:  [pdf\(1.06 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Open-Source Software (OSS) development is regarded as a successful model of encouraging "natural product evolution". To understand how this "natural product evolution" happens, we have conducted a case study of four typical OSS projects. Unlike most previous studies on software evolution that focus on the evolution of the system per se, our study takes a broader perspective: It examines not only the evolution of OSS systems, but also the evolution of the associated OSS communities, as well as th ...

Keywords: case study, open-source software (OSS), open-source software community, software evolution



20 A fuzzy commitment scheme

Ari Juels, Martin Wattenberg

November 1999 **Proceedings of the 6th ACM conference on Computer and communications security**

Full text available:  [pdf\(966.08 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We combine well-known techniques from the areas of error-correcting codes and cryptography to achieve a new type of cryptographic primitive that we refer to as a fuzzy commitment scheme. Like a conventional cryptographic commitment scheme, our fuzzy commitment scheme is both concealing and binding: it is infeasible for an attacker to learn the committed value, and also for the committer to decommit a value in more than one way. In a convent ...



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1 An identification tag for sea mammals*Record, P.; Scanlon, W.;*

RFID Technology (Ref. No. 1999/123), IEE Colloquium on , 25 Oct. 1999

Pages:5/1 - 5/5

[\[Abstract\]](#) [\[PDF Full-Text \(180 KB\)\]](#) **IEEE CNF**
2 Passive 5.8-GHz radio-frequency identification tag for monitoring oil pipe*Strassner, B.; Kai Chang;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 51 , Issue 2 , Feb. 2003

Pages:356 - 363

[\[Abstract\]](#) [\[PDF Full-Text \(577 KB\)\]](#) **IEEE JNL**
3 Safety and security increase for air traffic management through unnoticeable watermark aircraft identification tag transmitted with the VHF voice communication*Hering, H.; Hagmuller M; Kubin, G.;*

Digital Avionics Systems Conference, 2003. DASC '03. The 22nd , Volume: 1 , 16 Oct. 2003

Pages:4.E.2 - 41-10 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(620 KB\)\]](#) **IEEE CNF**
4 Harmonic radar identification tag for insect tracking*Colpitts, B.; Luke, D.; Boiteau, G.; Doyle, M.;*

Electrical and Computer Engineering, 1999 IEEE Canadian Conference on , Vo 2 , 9-12 May 1999

Pages:602 - 605 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) IEEE CNF

5 Passive resonator identification tag for narrow-band wireless telem
Rusko, M.; Buff, W.; Binhack, M.; Goroll, M.; Ehrenpfordt, J.; Klett, S.;
 Ultrasonics Symposium, 1999. Proceedings. 1999 IEEE , Volume: 1 , 17-20 Oct
 1999
 Pages:377 - 380 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) IEEE CNF

6 2-D localization and identification based on SAW ID-tags at 2.5 GHz
Bechteler, T.F.; Yenigun, H.;
 Microwave Theory and Techniques, IEEE Transactions on , Volume: 51 , Issue
 5 , May 2003
 Pages:1584 - 1590

[\[Abstract\]](#) [\[PDF Full-Text \(434 KB\)\]](#) IEEE JNL

7 Where's my stuff? [supply chain management]
Atock, C.;
 Manufacturing Engineer , Volume: 82 , Issue: 2 , April 2003
 Pages:24 - 27

[\[Abstract\]](#) [\[PDF Full-Text \(604 KB\)\]](#) IEEE JNL

8 Remote CMOS pressure sensor chip with wireless power and data transmission
van den Boom; Tessmann, D.; Lerch, R.; Vom Bogel, G.; Hammerschmidt, D.;
Amelung, J.; Hosticka, B.; Mahdavi, P.;
 Solid-State Circuits Conference, 2000. Digest of Technical Papers. ISSCC. 200
 IEEE International , 7-9 Feb. 2000
 Pages:186 - 187, 456

[\[Abstract\]](#) [\[PDF Full-Text \(303 KB\)\]](#) IEEE CNF

9 Object recognition using appearance models accumulated into environment
Mae, Y.; Umetani, T.; Arai, T.; Inoue, E.;
 Pattern Recognition, 2000. Proceedings. 15th International Conference
 on , Volume: 4 , 3-7 Sept. 2000
 Pages:845 - 848 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) IEEE CNF

10 A new concept for vehicle localization of road debiting system
Nishimura, Y.; Tanahashi, I.; Taniguchi, S.; Matsumoto, N.; Nakamura, K.;
 Intelligent Vehicles Symposium, 1996., Proceedings of the 1996 IEEE , 19-20
 1996
 Pages:93 - 98

[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) IEEE CNF

11 Design and applications of ferroelectric nonvolatile SRAM and flip-f with unlimited read/program cycles and stable recall

Masui, S.; Yokozeki, W.; Oura, M.; Ninomiya, T.; Mukaida, K.; Takayama, Y.; Teramoto, T.;

Custom Integrated Circuits Conference, 2003. Proceedings of the IEEE 2003 , 24 Sept. 2003

Pages:403 - 406

[\[Abstract\]](#) [\[PDF Full-Text \(346 KB\)\]](#) [IEEE CNF](#)

12 Mechatronic extension of a tap holder for process monitoring

Fischerauer, G.; Schmidt, F.; Voss, M.; Bader, R.;

Industrial Electronics Society, 1998. IECON '98. Proceedings of the 24th Annual Conference of the IEEE , Volume: 4 , 31 Aug.-4 Sept. 1998

Pages:2378 - 2381 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) [IEEE CNF](#)

13 Identification of SAW ID-tags using an FSCW interrogation unit and model-based evaluation

Stelzer, A.; Pichler, M.; Scheibelhofer, S.; Schuster, S.;

Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volume: 51 , Issue: 11 , Nov. 2004

Pages:1412 - 1420

[\[Abstract\]](#) [\[PDF Full-Text \(938 KB\)\]](#) [IEEE JNL](#)

14 Hardware for production test of RFID interface embedded into chip smart cards and labels used in contactless applications

da Costa, C.;

Test Conference, 2000. Proceedings. International , 3-5 Oct. 2000

Pages:485 - 491

[\[Abstract\]](#) [\[PDF Full-Text \(404 KB\)\]](#) [IEEE CNF](#)

15 Neural network based auto tag identification system

Prabhakaran, N.; Palakkat, M.; De-Wei Yang;

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation', 1997 IEEE International Conference on , Volume: 4 , 12-15 Oct.

Pages:3582 - 3584 vol.4

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Antennas and Propagation Society International Symposium, 2003. IEEE, Vol 1, 22-27 June 2003

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[\[Abstract\]](#) [\[PDF Full-Text \(237 KB\)\]](#) IEEE CNF
17 Flip chip on paper assembly utilizing anisotropic conductive adhesi*Rasul, J.; Olson, W.;*

Electronic Components and Technology Conference, 2002. Proceedings. 52nd 31 May 2002

Pages:90 - 94

[\[Abstract\]](#) [\[PDF Full-Text \(682 KB\)\]](#) IEEE CNF
18 An evaluation system of logistic scenarios for withdrawal in the disposal of waste personal computers with RF-ID tag*Yumoto, M.; Nozaki, T.; Komoda, N.; Soga, S.;*

Emerging Technologies and Factory Automation, 2001. Proceedings. 2001 8th International Conference on, Volume: 2, 15-18 Oct. 2001

Pages:323 - 328 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(529 KB\)\]](#) IEEE CNF

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